iSecurity Installation Guide

Publish Date: 05/31/2010

Copyright Notice

© Copyright Raz-Lee Security Inc. All rights reserved.

This document is provided by Raz-Lee Security for information purposes only.

Raz-Lee Security© is a registered trademark of Raz-Lee Security Inc. Action, System Control, User Management, Assessment, Firewall, FileScope, Screen, Password, Audit, Capture, View, Visualizer, Anti-Virus, AP-Journal © are trademarks of Raz-Lee Security Inc. Other brand and product names are trademarks or registered trademarks of the respective holders. Microsoft Windows© is a registered trademark of the Microsoft Corporation. Adobe Acrobat© is a registered trademark of Adobe Systems Incorporated. Information in this document is subject to change without any prior notice.

The software described in this document is provided under Raz-Lee's license agreement.

This document may be used only in accordance with the terms of the license agreement. The software may be used only with accordance with the license agreement purchased by the user. No part of this document may be reproduced or retransmitted in any form or by any means, whether electronically or mechanically, including, but not limited to: photocopying, recording, or information recording and retrieval systems, without written permission given by Raz-Lee Security Inc.

Visit our web site at www.razlee.com.

Record your product authorization code here.

Computer Model	
Serial Number	
Authorization Code	

12 Englewood Ave., Nanuet, New York 10954 Tel: 1-888-RAZLEE4, Fax: 1-419-781-5851

About This Manual

Who Should Read This Book

This user guide is intended for all System i system administrators and in particular for security administrators responsible for the implementation and management of security on System i systems.

Terminology

This manual attempts to adhere to standard IBM iSeries (System i) terminology and conventions whenever possible. However, deviations from IBM standards are employed in certain circumstances in order to enhance clarity or when standard IBM terminology conflicts with generally accepted industry conventions.

Documentation Overview

Raz-Lee takes customer satisfaction seriously. Therefore, our products are designed for ease of use. The documentation package includes a variety of materials to get you up to speed with this software quickly and effectively.

Printed Materials

This user guide is the only printed documentation necessary for understanding this product. It is available in user-friendly PDF format and may be displayed or printed using Adobe Acrobat Reader version 4.0 or higher. Acrobat Reader is included on the product CD-ROM.

This manual contains concise explanations of the various product features as well as step-by-step instructions for using and configuring the product.

Online Help

PC based online help is also available in JavaHelp format. Click the Help button from your Firewall menubar.

Typography Conventions

This document is intended to be printed by the end user and viewed online using a variety of different PC platforms. Accordingly, it was written using standard Windows TrueType fonts that are installed on virtually all systems. You do not need to install any special fonts in order to view or print this document.

- Body text appears in 10-point Times New Roman.
- Menu options, field names, and function key names appear in **Arial Bold**.
- OS/400 commands, system values, data strings, etc. appear in ***Bold Italic.***
- Key combinations are separated by a dash, for example: **Shift-Tab**.
- Referrals to chapters or procedures appear in *Times New Roman Italic*.

Installing iSecurity Products

Overview

All **iSecurity** modules are available on CD-ROM from your Raz-Lee distributor. In addition, you may download all modules directly from the Raz-Lee website at www.razlee.com.

These installation instructions are applicable for one or any combination of **iSecurity** modules, and are relevant for the following versions:

iSecurity Part/Version	Modules Included
iSecurity Part 1 Version 15.0 +	**Firewall**, **Screen**, **Password** **NOTE:** The **Firewall** module can be installed on OS 4.1 and up.
iSecurity Part 2 Version 11.0 +	**Action**, **Audit, Central Admin.**
iSecurity Part 3 Version 3.0 +	**View**
iSecurity Part 4 Version 7.0 +	**AP-Journal** **NOTE:** The **AP-Journal** module can be install from 5.2 .
iSecurity Part 5 Version 5.0 +	**Anti-Virus** **NOTE:** The **Anti-Virus** module can be install from 5.2 . Fully functional from 5.3, due to IBM OS400 restrictions. In addition, only a security administrator with auditing privileges should work with **Anti-Virus**.
iSecurity Part 6 Version 16.0 +	**FileScope**
iSecurity Part 7 Version 2.0 +	**Capture**
iSecurity Part 8 Version 3.0 +	**Authority on Demand**

NOTE: *Depending on the power of the iSeries machine on which iSecurity is being installed, a new install of iSecurity modules can take between 5 and 15 minutes elapsed time per installed module.*

NOTE: *Upgrading iSecurity modules can take between 10 - 60 minutes elapsed time per installed module.*

Choose one of the two installation options in the table below:

Installation Option	Description	Steps
First-Time Installation	Installation of any **iSecurity** module for the first time	■ Installation Procedure ■ Post-Installation
Upgrade	Upgrading an already-installed **iSecurity** module with no installation of new modules	■ Upgrading the Native Modules ■ Deactivating iSecurity ■ Installation Procedure ■ Post-Installation
Copy to Another Machine	Moving from one machine (Origin) to another (Destination)	■ Upgrading the Native Modules (Origin) ■ Copy to Another Machine (save in Origin; restore in Destination) ■ Installation Procedure (Destination) ■ Post-Installation (Destination)

First Time Installation

When this is the first time a produc is installaed on this machine, follow one of these installation methods:

1. CD Installation:

Load the CD sent by your Distributor into the Power i and run the installation menu.

Benefit: Local native installation, directly from the Power i.

2. Virtual Device:

Remote execution of the installation menu from a PC, based upon file of type ISO.

Benefit: Native style installation that doesn't require physically inserting the CD into the Power i. Can be done from a shared folder as well. Requires PC connection to Power i.

3. PC Installation:

Load the CD sent by your Distributor into a PC, an HTML menu will prompt automatically.

Benefit: Install from any PC without having to insert the CD directly into the Power i. Allows access to all the documentation. Requires PC connection to Power i.

4. Installation over the web:

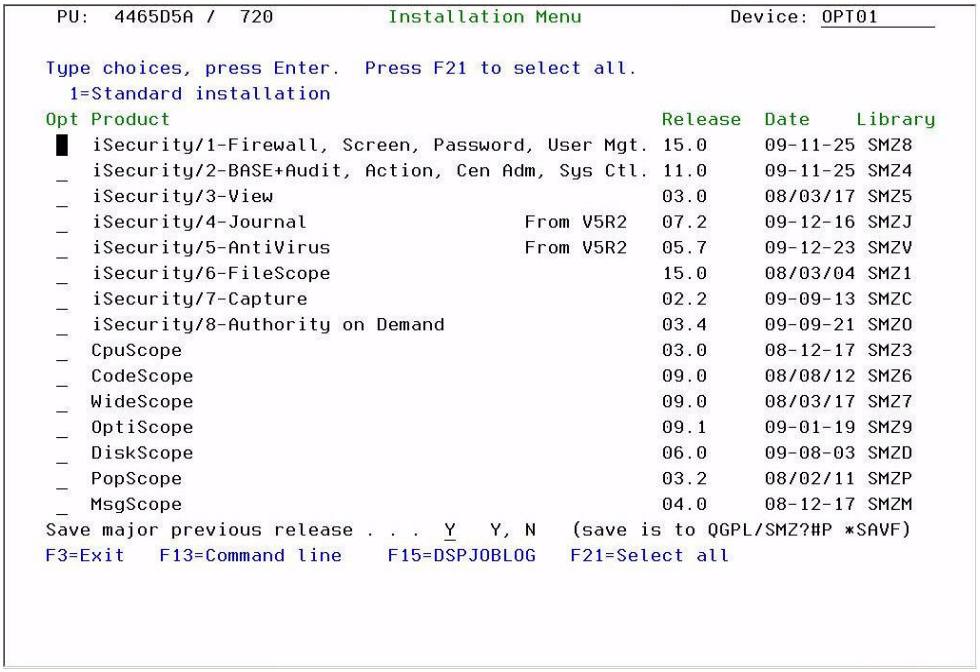
Request and download installation files for a specific product(s) from Raz-Lee Security website.

Benefit: The installation files of the latest version are easily accessible and always available, no need to wait for the CD to arrive. Allows access to all the relevant documentation. Requires PC connection to Power i.

1. CD Installation

Native Version

1. Sign on as ***QSECOFR*** or another user with Security Officer authority.
2. Load the CD-ROM into the appropriate drive on the iSeries.
3. Enter the ***LODRUN OPT01*** command. Substitute another drive name for ***OPT01*** as appropriate.
4. The **Installation** menu appears after a few moments. Select the **iSecurity** module you want to install (**enter 1 = load**) and press **Enter** to continue.
5. Upon completion of the installation routine, press **F3** to exit.


PU: 4465D5A / 720 Installation Menu Device: OPT01
Type choices, press Enter. Press F21 to select all.
1=Standard installation
Opt Product Release Date Library
iSecurity/1-Firewall, Screen, Password, User Mgt. 15.0 09-11-25 SMZ8
iSecurity/2-BASE+Audit, Action, Cen Adm, Sys Ctl. 11.0 09-11-25 SMZ4
iSecurity/3-View 03.0 08/03/17 SMZ5
iSecurity/4-Journal From V5R2 07.2 09-12-16 SMZJ
iSecurity/5-AntiVirus From V5R2 05.7 09-12-23 SMZV
iSecurity/6-FileScope 15.0 08/03/04 SMZ1
iSecurity/7-Capture 02.2 09-09-13 SMZC
iSecurity/8-Authority on Demand 03.4 09-09-21 SMZO
CpuScope 03.0 08-12-17 SMZ3
CodeScope 09.0 08/08/12 SMZ6
WideScope 09.0 08/03/17 SMZ7
OptiScope 09.1 09-01-19 SMZ9
DiskScope 06.0 09-08-03 SMZD
PopScope 03.2 08/02/11 SMZP
MsgScope 04.0 08-12-17 SMZM
Save major previous release . . . Y Y, N (save is to QGPL/SMZ?#P *SAVF)
F3=Exit F13=Command line F15=DSPJOBLOG F21=Select all

Installation Menu

6. Start the program by typing the correct module code in the command line and press **Enter** (see the following table).

Module	Module Code
Action	***STRACT***
Anti-Virus	***STRAV***
AP-Journal	***STRJR***
Audit	***STRAUD***
Authority on Demand	***STRAOD***
Capture	***STRCPT***
FileScope	***STRFS***
Firewall	***STRFW***
Password	***STRPWD***
Screen	***STRSCN***

Module	Module Code
View	*STRVIEW*

7. To enter the module authorization codes select option **81. System Configuration > F22** and enter the code in the **Authority Code** field as needed.

GUI Version

You must install the native iSeries versions prior to installing the GUI versions.

1. Enter the installation CD into your PC.
2. Click on Firewall at the left navigation bar.
3. Click on the GUI installation file and follow any further directions.

2. Virtual Device

The RLCD is a user-friendly alternate solution for remote execution of LODRUN. The savefile contains the RLCD program which can be used to execute the same installation menu without use of LODRUN the CD drive.

1. Restore the RLCD file to QGPL/RLCD
2. Transfer the unzipped RLCD.iso file to your PC (or a shared folder)
3. Upload it via FTP in binary mode to your Power i IFS directory, for example /tmp/rlcd (create it before by: MKDIR '/tmp/rlcd')
4. In this example the command is: CALL QGPL/RLCD ('/tmp/rlcd/RLCD.iso') The required parameter is the full iso file name. the installtion menu will appear in a short time.

Installing from a shared folder

1. When installing from a shared folder, check the PC IP by: Start ->Run -> cmd -> OK -> ipconfig.

The IP in this example will be 192.168.0.7.

2. On the Power i command line, type:
   - MD '/QNTC/192.168.0.7'
   - WRKLNK '/QNTC/192.168.0.7' - This gives you a list of your PC shared folders. SharedDocs will always be there. If RLCD.iso is under your Shared Documents, then the file name will be: /QNTC/1.1.1.151/SharedDocs/RLCD.iso

In this example the command is:

CALL QGPL/RLCD ('/QNTC/1.1.1.151/SharedDocs/RLCD.iso')

The installation menu will appear but not shortly, since it has to copy the iso file on the network.

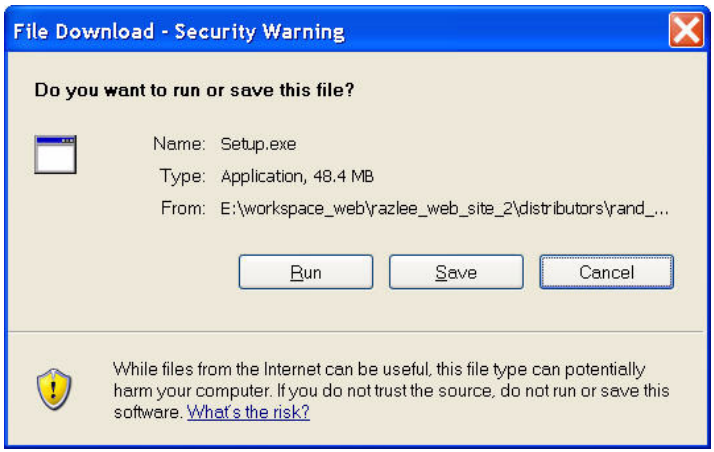
3. PC Installation

1. Insert the CD to the PC's CD drive, an HTML menu appears

iSecurity Products
Assessment
Firewall
Audit
Visualizer
Capture
Screen
Password
Action
View
Anti-Virus
Journal
Authority on Demand
About this CD
This CD contains the installation files for all Raz-Lee products, along with documentation and marketing materials for each product. Installation instructions and PC-based installation routines are also included on the CD. This document is intended to familiarize you with the contents of the product CD and provides you with step-by-step instructions for downloading and burning product CDs.
read more...
About Raz-Lee Security Inc.
Raz-Lee Security, headquartered in Nanuet, New York, is the leading security solution provider for IBM's System i (AS/400) computers. With over 25 years of exclusive System i (AS/400) focus, Raz-Lee has an unrivaled reputation for its development capabilities and expertise. The company leveraged this knowledge for creating iSecurity, a comprehensive suite of advanced security solutions which includes product packs addressing all aspects of information security: prevention, compliance, and application security.
Raz-Lee's iSecurity product suite is field-proven and boasts an installed base covering over 30 countries worldwide, supported by a global distribution network.
read more...
RAZ-LEE
The iSeries Security Experts
71 Hanadiv St., Herzliya
Israel 46485 (T) +972-9-9588860
12 Englewood Ave., Nanuet
New York 10954 (T) +1-888-729-5334
Scope Products
FileScope
FileScope Tools
CodeScope
DiskScope
OptiScope
MessageScope
CPUScope
WideScope

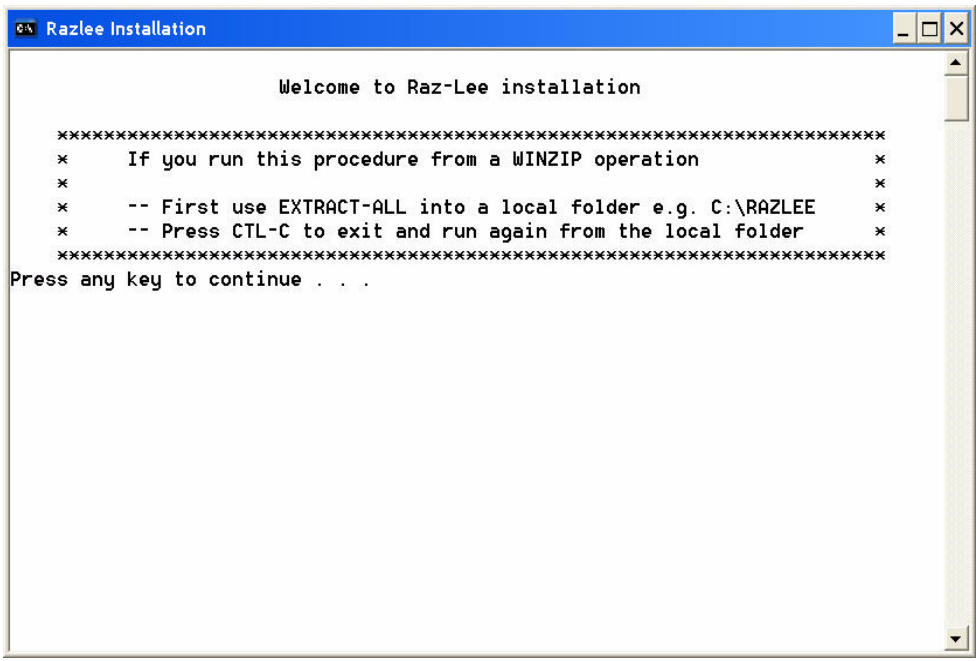
HTML Menu

2. Select a product to install and click on the installation link.


File Download - Security Warning
Do you want to run or save this file?
Name: Setup.exe
Type: Application, 48.4 MB
From: E:\workspace_web\razlee_web_site_2\distributors\rand_...
Run
Save
Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

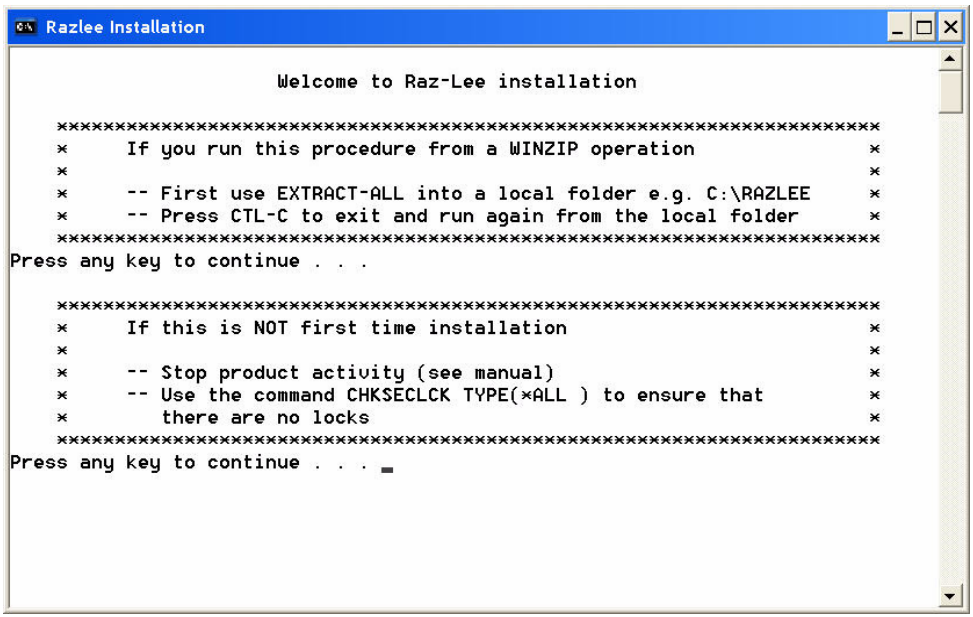
Setup.exe

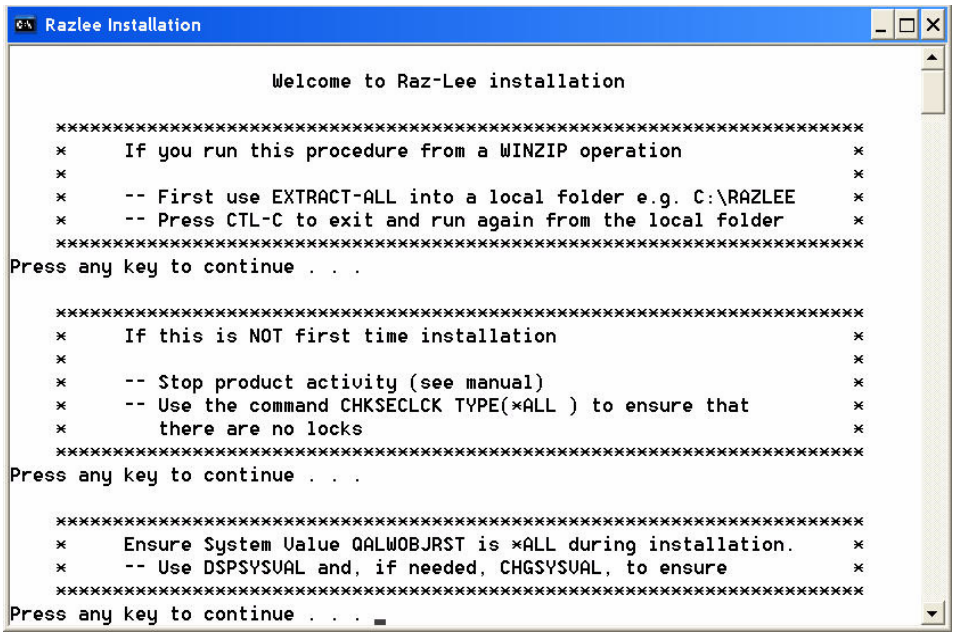
3. Run the Setup.exe. The CMD screen appears.


Razlee Installation
Welcome to Raz-Lee installation
If you run this procedure from a WINZIP operation
-- First use EXTRACT-ALL into a local folder e.g. C:\RAZLEE
-- Press CTL-C to exit and run again from the local folder
Press any key to continue . . .

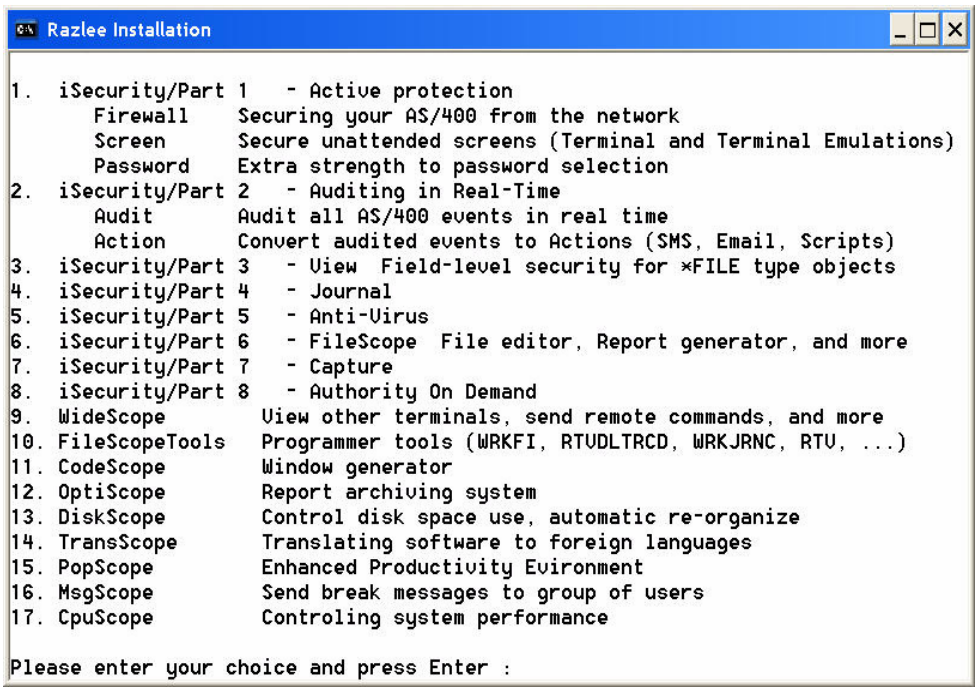
Run Setup.exe

4. Follow the instructions and press any key to continue.


Razlee Installation
Welcome to Raz-Lee installation
If you run this procedure from a WINZIP operation
-- First use EXTRACT-ALL into a local folder e.g. C:\RAZLEE
-- Press CTL-C to exit and run again from the local folder
Press any key to continue . . .
If this is NOT first time installation
-- Stop product activity (see manual)
-- Use the command CHKSECLCK TYPE(*ALL) to ensure that
there are no locks
Press any key to continue . . .

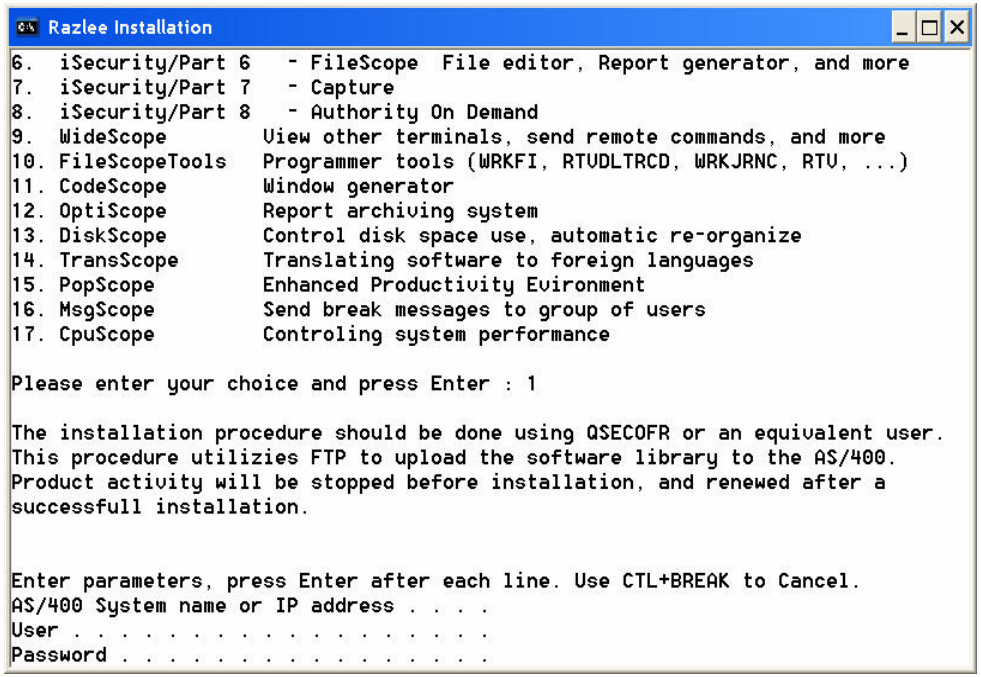

Razlee Installation
Welcome to Raz-Lee installation
If you run this procedure from a WINZIP operation
-- First use EXTRACT-ALL into a local folder e.g. C:\RAZLEE
-- Press CTL-C to exit and run again from the local folder
Press any key to continue . . .
If this is NOT first time installation
-- Stop product activity (see manual)
-- Use the command CHKSECLCK TYPE(*ALL) to ensure that
there are no locks
Press any key to continue . . .
Ensure System Value QALWOBJRST is *ALL during installation.
-- Use DSPSYSVAL and, if needed, CHGSYSVAL, to ensure
Press any key to continue . . .

5. The modules menu appears


Razlee Installation
1. iSecurity/Part 1 - Active protection
Firewall Securing your AS/400 from the network
Screen Secure unattended screens (Terminal and Terminal Emulations)
Password Extra strength to password selection
2. iSecurity/Part 2 - Auditing in Real-Time
Audit Audit all AS/400 events in real time
Action Convert audited events to Actions (SMS, Email, Scripts)
3. iSecurity/Part 3 - View Field-level security for *FILE type objects
4. iSecurity/Part 4 - Journal
5. iSecurity/Part 5 - Anti-Virus
6. iSecurity/Part 6 - FileScope File editor, Report generator, and more
7. iSecurity/Part 7 - Capture
8. iSecurity/Part 8 - Authority On Demand
9. WideScope View other terminals, send remote commands, and more
10. FileScopeTools Programmer tools (WRKFI, RTVDLTRCD, WRKJRNC, RTV, ...)
11. CodeScope Window generator
12. OptiScope Report archiving system
13. DiskScope Control disk space use, automatic re-organize
14. TransScope Translating software to foreign languages
15. PopScope Enhanced Productivity Evironment
16. MsgScope Send break messages to group of users
17. CpuScope Controling system performance
Please enter your choice and press Enter :

Products Menu

6. Select the product you want to install and press **Enter**.


Razlee Installation
6. iSecurity/Part 6 - FileScope File editor, Report generator, and more
7. iSecurity/Part 7 - Capture
8. iSecurity/Part 8 - Authority On Demand
9. WideScope View other terminals, send remote commands, and more
10. FileScopeTools Programmer tools (WRKFI, RTVDLTRCD, WRKJRNC, RTV, ...)
11. CodeScope Window generator
12. OptiScope Report archiving system
13. DiskScope Control disk space use, automatic re-organize
14. TransScope Translating software to foreign languages
15. PopScope Enhanced Productivity Evironment
16. MsgScope Send break messages to group of users
17. CpuScope Controling system performance
Please enter your choice and press Enter : 1
The installation procedure should be done using QSECOFR or an equivalent user.
This procedure utilizies FTP to upload the software library to the AS/400.
Product activity will be stopped before installation, and renewed after a
successfull installation.
Enter parameters, press Enter after each line. Use CTL+BREAK to Cancel.
AS/400 System name or IP address . . . .
User . . . . . .
Password . . . . . .

Enter System Parameters

7. Enter the host system IP address, a user name with Security Officer (***SECOFR***) authority, a password for this user and press **Enter**.
8. Upon completion of the installation routine, close the DOS window.

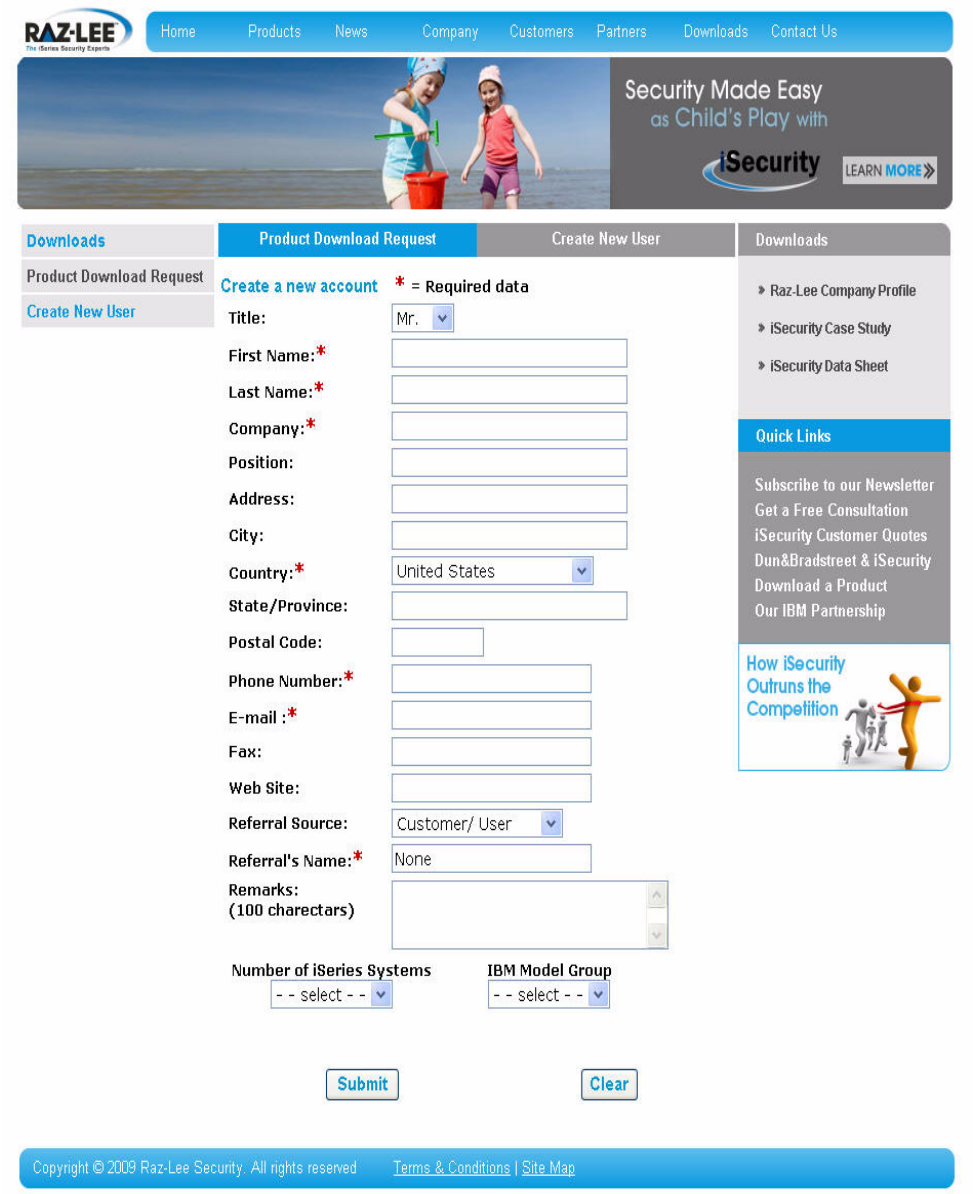
4. Installation over the Web

"Over the Web" installation is a service offered to our distributors as an additional, faster way to allow their prospects and customers to install the latest products that appear on our website. No need to download the modules, simply use what is already on our web.

Create a new user

A new customer should fill in the New User form in URL:

http://www.razlee.com/downloads/create_new_user.php – New User



New User Form

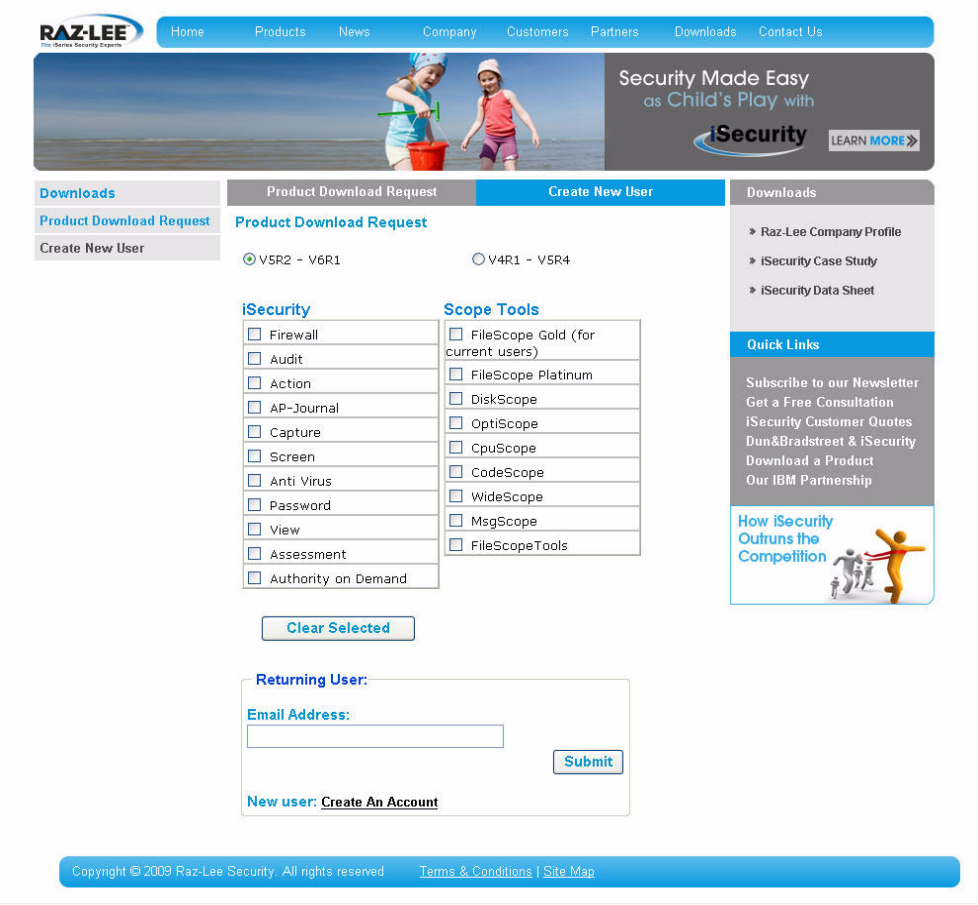
NOTE: *New customers should be instructed to type a Referral's Name field so the request will be assigned to you.*

NOTE: *To receive a Referral Name, please contact* webmaster@razlee.com

Download Request

After creating a new user, the customer should select products to download at URL:

http://www.razlee.com/downloads/product_download_request.php



Request form

Your request to download products must be approved by your distributor or by Raz-Lee.

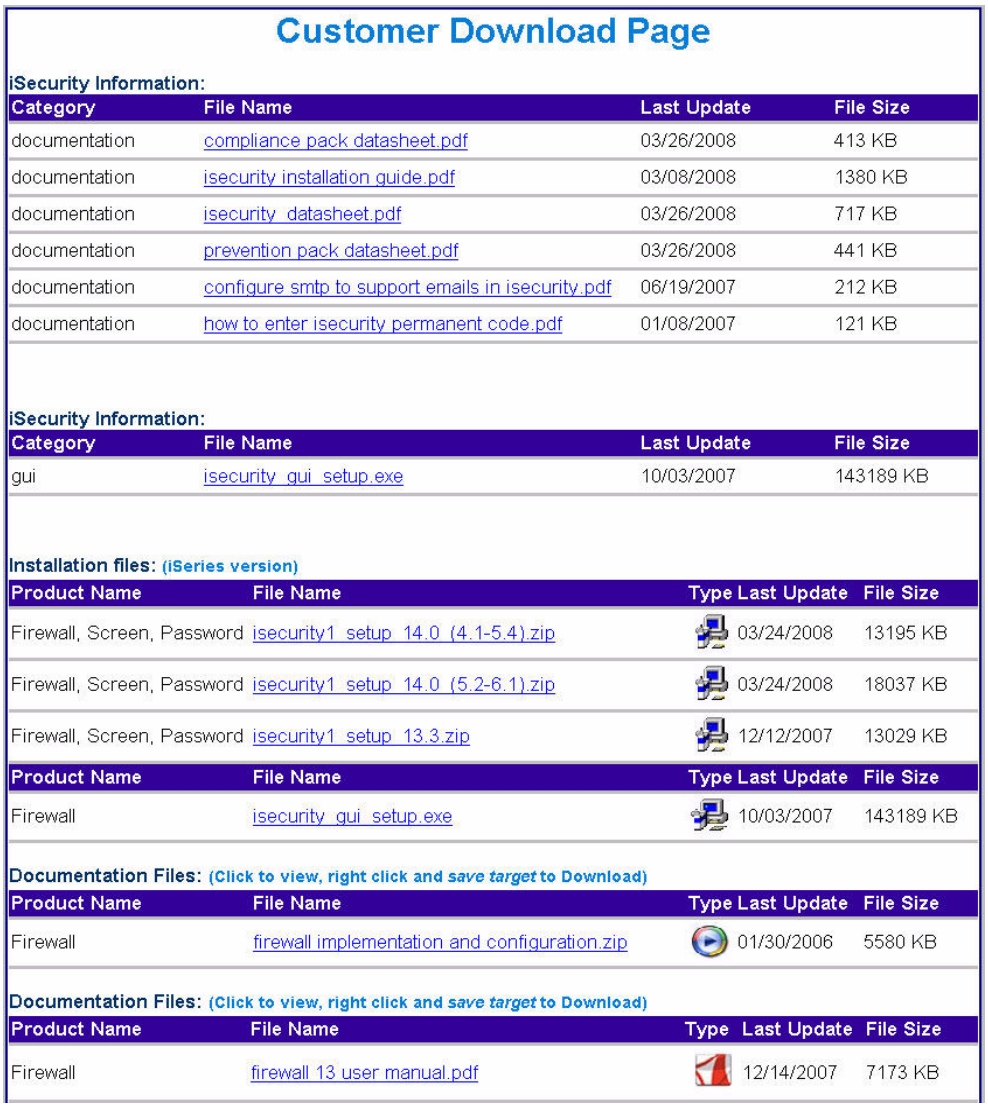
Upon approval, you will receive an email with a link to a download page (valid for 7 days) that contains the software, appropriate documentation and installation instructions.

Distributor: To view the customer's information, the products he/she requested, and to approve/decline the request, login to URL:

http://www.razlee.com/distributors/partners_login.php

Important notes:

1. The link in the email is ONLY VALID for SEVEN days; afterwards you will not be able to download the software using the link.
2. At times there is an extra link for an earlier version of the product, consult your iSecurity contact regarding which version to download.



Customer Download Page

iSecurity Information:

Category	File Name	Last Update	File Size
documentation	compliance pack datasheet.pdf	03/26/2008	413 KB
documentation	isecurity installation guide.pdf	03/08/2008	1380 KB
documentation	isecurity_datasheet.pdf	03/26/2008	717 KB
documentation	prevention pack datasheet.pdf	03/26/2008	441 KB
documentation	configure smtp to support emails in isecurity.pdf	06/19/2007	212 KB
documentation	how to enter isecurity permanent code.pdf	01/08/2007	121 KB

iSecurity Information:

Category	File Name	Last Update	File Size
gui	isecurity_gui_setup.exe	10/03/2007	143189 KB

Installation files: (iSeries version)

Product Name	File Name	Type	Last Update	File Size
Firewall, Screen, Password	isecurity1_setup_14.0_(4.1-5.4).zip		03/24/2008	13195 KB
Firewall, Screen, Password	isecurity1_setup_14.0_(5.2-6.1).zip		03/24/2008	18037 KB
Firewall, Screen, Password	isecurity1_setup_13.3.zip		12/12/2007	13029 KB

Product Name	File Name	Type	Last Update	File Size
Firewall	isecurity_gui_setup.exe		10/03/2007	143189 KB

Documentation Files: (Click to view, right click and *save target* to Download)

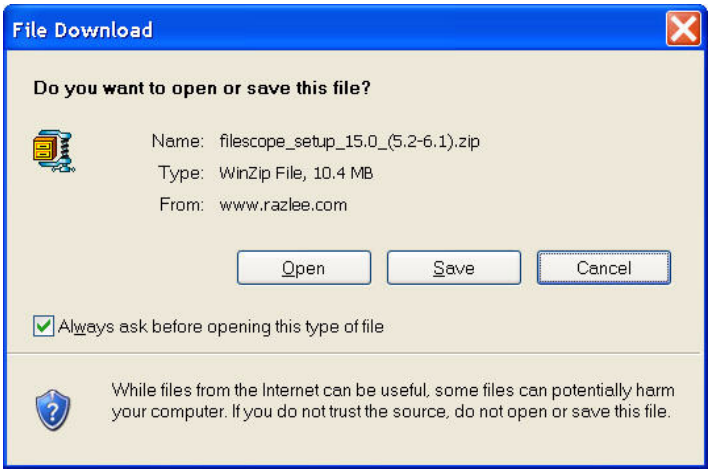
Product Name	File Name	Type	Last Update	File Size
Firewall	firewall implementation and configuration.zip		01/30/2006	5580 KB

Documentation Files: (Click to view, right click and *save target* to Download)

Product Name	File Name	Type	Last Update	File Size
Firewall	firewall 13 user manual.pdf		12/14/2007	7173 KB

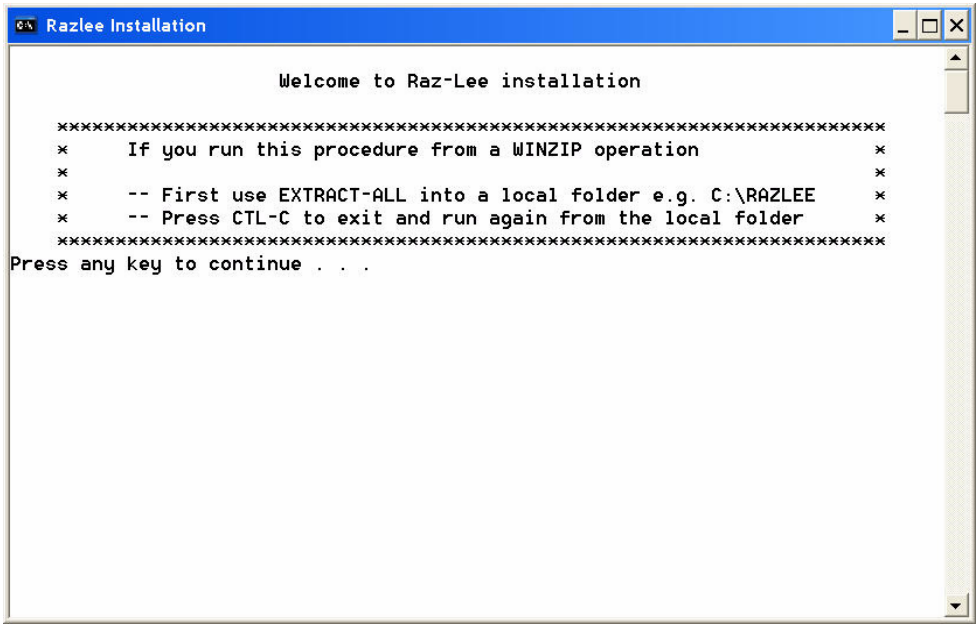
Customer Download Page

1. Click on a product to download and install, the file download screen appears.

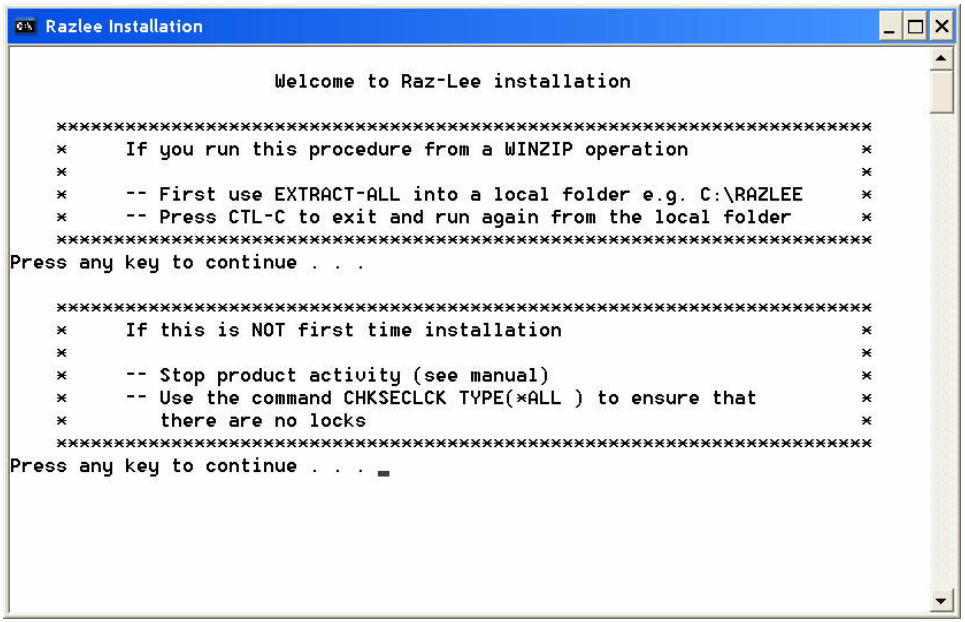

File Download
Do you want to open or save this file?
Name: filescope_setup_15.0_(5.2-6.1).zip
Type: WinZip File, 10.4 MB
From: www.razlee.com
Open
Save
Cancel
Always ask before opening this type of file
While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file.

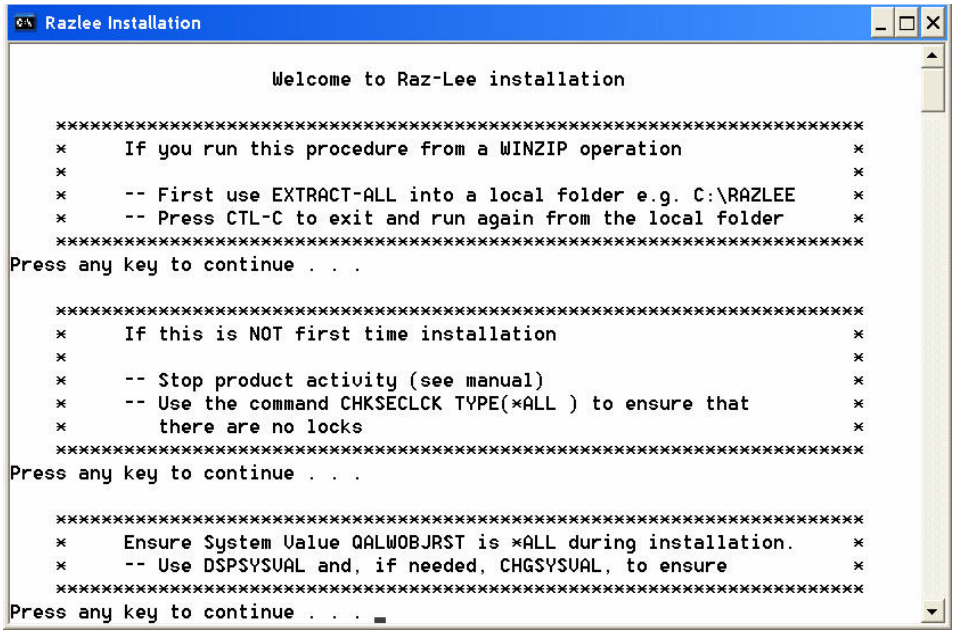
web installation zip file

2. Save the zip file to a local disc and extract it
3. Run the SETUP.BAT. The CMD screen appears.

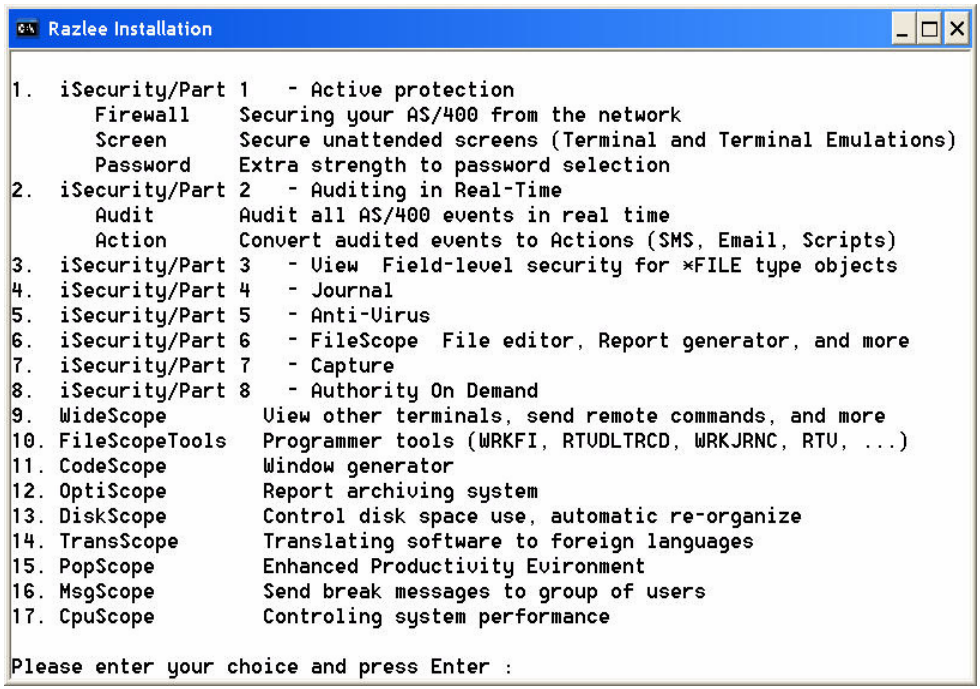

Razlee Installation
Welcome to Raz-Lee installation
If you run this procedure from a WINZIP operation
-- First use EXTRACT-ALL into a local folder e.g. C:\RAZLEE
-- Press CTL-C to exit and run again from the local folder
Press any key to continue . . .

Run SETUP.BAT


Razlee Installation
Welcome to Raz-Lee installation
If you run this procedure from a WINZIP operation
-- First use EXTRACT-ALL into a local folder e.g. C:\RAZLEE
-- Press CTL-C to exit and run again from the local folder
Press any key to continue . . .
If this is NOT first time installation
-- Stop product activity (see manual)
-- Use the command CHKSECLCK TYPE(*ALL) to ensure that
there are no locks
Press any key to continue . . .


Razlee Installation
Welcome to Raz-Lee installation
If you run this procedure from a WINZIP operation
-- First use EXTRACT-ALL into a local folder e.g. C:\RAZLEE
-- Press CTL-C to exit and run again from the local folder
Press any key to continue . . .
If this is NOT first time installation
-- Stop product activity (see manual)
-- Use the command CHKSECLCK TYPE(*ALL) to ensure that
there are no locks
Press any key to continue . . .
Ensure System Value QALWOBJRST is *ALL during installation.
-- Use DSPSYSVAL and, if needed, CHGSYSVAL, to ensure
Press any key to continue . . .

4. Follow the instructions and press any key to continue. The modules menu appears.


Razlee Installation
1. iSecurity/Part 1 - Active protection
Firewall Securing your AS/400 from the network
Screen Secure unattended screens (Terminal and Terminal Emulations)
Password Extra strength to password selection
2. iSecurity/Part 2 - Auditing in Real-Time
Audit Audit all AS/400 events in real time
Action Convert audited events to Actions (SMS, Email, Scripts)
3. iSecurity/Part 3 - View Field-level security for *FILE type objects
4. iSecurity/Part 4 - Journal
5. iSecurity/Part 5 - Anti-Virus
6. iSecurity/Part 6 - FileScope File editor, Report generator, and more
7. iSecurity/Part 7 - Capture
8. iSecurity/Part 8 - Authority On Demand
9. WideScope View other terminals, send remote commands, and more
10. FileScopeTools Programmer tools (WRKFI, RTVDLTRCD, WRKJRNC, RTV, ...)
11. CodeScope Window generator
12. OptiScope Report archiving system
13. DiskScope Control disk space use, automatic re-organize
14. TransScope Translating software to foreign languages
15. PopScope Enhanced Productivity Evironment
16. MsgScope Send break messages to group of users
17. CpuScope Controling system performance
Please enter your choice and press Enter :

Products Menu

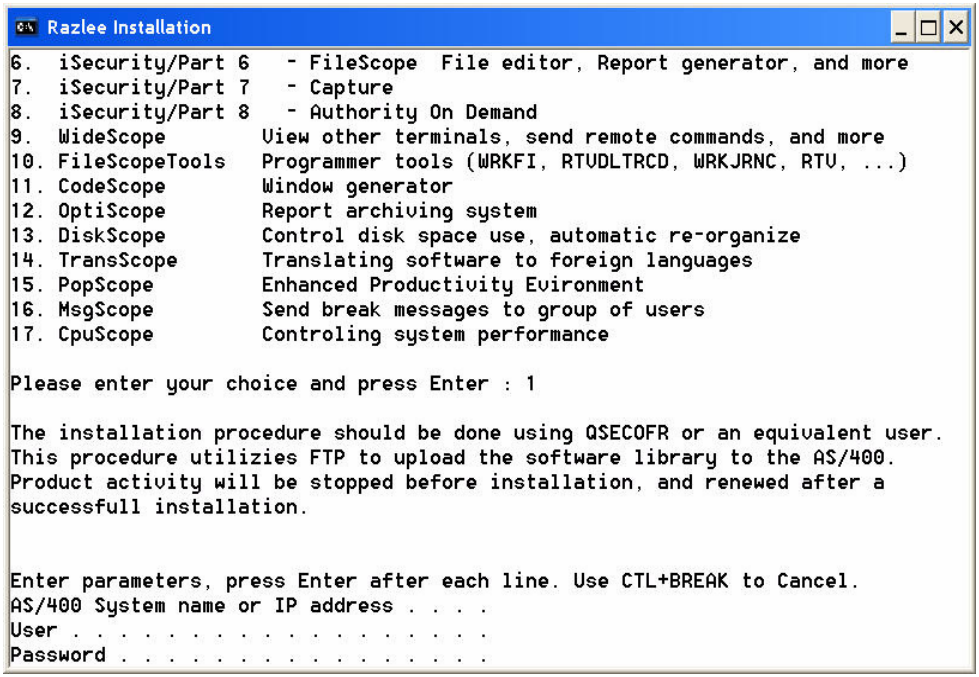
5. Select the product that you want to install and press **Enter**.

NOTE: *The following modules are included in the iSecurity/Part2 - Base:* **Audit, Action, System Control, Native Object Security, Replication, Central Admin, Syslog**

NOTE: *For* **Firewall**, **Screen**, **Password** *you must first install the recent iSecurity/Part2 - Base (also known as Audit). The need is for installation only and no additional licensing is required.*

NOTE: *For* **Authority On Demand,** *in order to use capabilities such as SYSLOG you must first install the recent iSecurity/Part2 - Base (also known as Audit). The need is for installation only and no additional licensing is required. To use extended logging capability you may need installation*

and licensing for other iSecurity modules such as **Capture, Audit, AP-Journal**.


Razlee Installation
6. iSecurity/Part 6 - FileScope File editor, Report generator, and more
7. iSecurity/Part 7 - Capture
8. iSecurity/Part 8 - Authority On Demand
9. WideScope View other terminals, send remote commands, and more
10. FileScopeTools Programmer tools (WRKFI, RTVDLTRCD, WRKJRNC, RTV, ...)
11. CodeScope Window generator
12. OptiScope Report archiving system
13. DiskScope Control disk space use, automatic re-organize
14. TransScope Translating software to foreign languages
15. PopScope Enhanced Productivity Evironment
16. MsgScope Send break messages to group of users
17. CpuScope Controling system performance
Please enter your choice and press Enter : 1
The installation procedure should be done using QSECOFR or an equivalent user.
This procedure utilizies FTP to upload the software library to the AS/400.
Product activity will be stopped before installation, and renewed after a
successfull installation.
Enter parameters, press Enter after each line. Use CTL+BREAK to Cancel.
AS/400 System name or IP address . . . .
User . . . . . .
Password . . . . . .

Enter System Parameters

6. Enter the host system IP address, a user name with Security Officer (***SECOFR***) authority, a password for this user and press **Enter**.
7. Upon completion of the installation routine, close the DOS window.

Upgrading the iSecurity Products

Overview

Read the following carefully before attempting any module upgrade.

- Before upgrading any iSecurity modules, the **iSecurity** module must be deactivated. Only then, the product upgrade can be performed.
- In some cases there might be a request for an internal password during installation (CD installation only).
- Upon successful installation, you will need to re-activate the **iSecurity** modules installed on the system. Refer to section “Post Installation Procedure”.
- Make sure to get an authorization code from your distributor.
- Check for object locks on the module:

Module	Object Lock
Firewall, Screen, Password	***WRKOBJLCK SMZ8 *LIB*** ***WRKOBJLCK SMZTMPA*LIB***
Audit, Action, Central Admin.	***WRKOBJLCK SMZ4 *LIB*** ***WRKOBJLCK SMZ4DTA *LIB*** ***WRKOBJLCK SMZTMPA *LIB***
Capture	***WRKOBJLCK SMZC *LIB*** ***WRKOBJLCK SMZCDTA*LIB***
Anti-Virus	***WRKOBJLCK SMZV *LIB*** ***WRKOBJLCK SMZVDTA *LIB***
AP-Journal	***WRKOBJLCK SMZJ *LIB*** ***WRKOBJLCK SMZJDTA *LIB***
View	***WRKOBJLCK SMZ5 *LIB*** ***WRKOBJLCK SMZ5DTA *LIB***
Authority on Demand	***WRKOBJLCK SMZO *LIB*** ***WRKOBJLCK SMZODTA *LIB***
FileScope	***WRKOBJLCK SMZ1 *LIB,*** ***WRKOBJLCK SMZ1DTA *LIB***

During the upgrade Program Libraries SMZx are created again on every installation. They are created on the system ASP.

Data Libraries SMZxDTA SMTTMPx are NOT created again.

Deactivating iSecurity

Firewall

1. Enter ***STRFW*** into the command line to start **Firewall**.
2. From the main menu, select option **81 -> 1-General defenitions** and check flag **"Enable Super Speed Processing"**.
   - If **Enable Super Speed Processing = 'Y'**, set the flag to **'N'**and IPL and continue this procedure.
   - If **Enable Super Speed Processing = 'N'**, continue with the process of the following steps.
3. From the main menu select option **1. Activation and Server Setting > 21. Suspend Activity (before upgrade)** from the **Activation and Server Setting** menu. After pressing **Enter**, the system will work for a couple of minutes, and will display a message saying "Firewall suspended at 01.01.01 10:10:10. Use *RESUME to re-activate".
4. The **Special Instructions** screen appears. You will be asked if you want to restart the FTP and File-Server. If you keep the default "NO" (N), those servers' protection will be activated after IPL. If you change it to "YES" (Y), those servers will restart immediately. If the restart is successful, the protection will be activated on those servers immediately.
5. Press **Enter** again and **F3** to return to the main menu.
6. **Firewall** is now deactivated; access to the machine is not being controlled.

Screen

1. Enter ***STRSCN*** from the command line to start **Screen**.
2. Select **41. Activation** from the **Screen** main menu. The **Activation** screen appears.
3. Select **5. Work With Active Monitor Jobs** to check if the subsystem **ZGUARD** is active.
4. If active, press **F3** and then deactivate product by selecting **2. De-activate Screen Now** from the **Activation** screen.

Password

NOTE: *Skip this procedure if Firewall has already been deactivated.*

1. Enter ***STRPWD*** from the command line to start **Password**.
2. Select **1. Activate Password Validation** from the **Password** main menu. The **Modify Server Security** screen appears.
3. Type **2** in the **Enable validity checking** field and press **Enter**. Leave all other parameters as is.

Audit/Action

1. Enter ***STRAUD*** from the command line to start **Audit**.
2. To deactivate both **Audit** and **Action** simultaneously, select **2. Activate Real - Time Detection > 5. Work With Active Jobs** from the **Audit** main screen to check if the subsystem **ZAUDIT** is active.
3. If active, press **F3** and then de-activate product by selecting **2. De-activate Real-Time Detection** from the **Activation** screen.

Capture

1. Enter ***STRCPT*** from the command line to start **Capture**.
2. Select **11. Activation** from the **Capture** main screen.
3. Select **5. Work With Active Monitor Jobs** to check if the subsystem **ZCAPTURE** is active.
4. If active, press **F3** and then de-activate product by selecting **2. De-activate Capture Now** from the **Activation** screen.

Anti-Virus

NOTE: *Installable from OS 5.2. The required disk space after installation is 40MB (recommended 60MB).*

1. Enter ***STRAV*** from the command line to start **Anti-Virus**.
2. Select **11. IFS Viruses, Worms and Trojans** from the **Anti-Virus** main screen.
3. Select **1. Activation > 5. Work with Active Jobs** to check if the subsystem **ZANTIVIRUS** is active.
4. If active, press **F3** and then de-activate product by selecting **2. De-activate Real-Time Detection** from the **Activation** screen.

AP-Journal

NOTE: *Installable from OS 5.2. The required disk space after installation is 40MB (recommended 60MB).*

1. Enter ***STRJR*** from the command line to start **AP-Journal**.
2. Select option **11. Business Analysis and BizAlerts Applications based on Containers** from the main menu
3. Select **1. Collection to Containers > 5. Work with Active Jobs** to check if the subsystem **ZJOURNAL** is active.

4. If active, press **F3** and then de-activate product by selecting **2. De-activate Real-Time Journal Collection** from the **Collection to Containers** screen.

Authority on Demand

NOTE: *Installable from OS 5.2. The required disk space after installation is 40MB (recommended 60MB).*

1. Enter ***STRAOD*** from the command line to start **Authority on Demand**.
2. Select **11. Activation** from the **Authority on Demand** main screen.
3. Select **1. Activation > 5. Work with Active Jobs** to check if the subsystem **ZAUTH** is active.
4. If active, press **F3** and then de-activate product by selecting **2. De-activate Authority on Demand Now** from the **Activation** screen.

View

NOTE: *Installable from OS 4.1. Full functionality, from OS 4.5 (automatic trapping of **ADDLIBLE, CHGLIBL, OVRDBF**). If you want to use the support to prevent even ***ALLOBJ** users from accessing the non secured version of the file – you need OS 5.3 or higher.*

1. Select option **72. Remove *LIBL and OVRDBF Detection** from **View** main menu.
2. Select option **74. Remove Job Initiation Setup**
3. Select option **78. Remove Security for *ALLOBJ users**

FileScope

No deactivation is necessary.

Copy to Another Machine

To copy the product's setting from one machine (Origin) to another (Destination), follow these steps:

1. Save ALL the SMZ* libraries in the Origin machine.
2. Restore ALL the SMZ* saved libraries into the Destination new system.
3. Perform the installation program so that Authorities and Command copying is properly done:
   - ADDLIBLE for the library that contains the *SAVF
   - RSTOBJ xxI SMZy *SAVF SAVF(SMZy) RSTLIB(QTEMP)
   - CALL QTEMP/xxI *SAVF
4. Restore the libraries to the new system
5. To activate after restore, see "Post-Installation Procedures"

Module	xx	y
Action	*AU*	*4*
Anti-Virus	*AV*	*J*
AP-Journal	*JR*	*5*
Audit	*AU*	*4*
Authority on Demand	*OD*	*O*
Capture	*CA*	*C*
FileScope	*FS*	*1*
Firewall	*GR*	*8*
Password	*GR*	*8*
Screen	*GR*	*8*
View	*VIEW*	*V*

Post-Installation Procedures

After upgrading, reactivate the upgraded module:

Firewall

1. Select **1. Activation and Server Setting** from the **Firewall** main menu.
2. Select option **22. Resume Activity (after upgrade)** from the **Activation and Server Setting** menu. The system will resume the Firewall settings and activity for a couple of minutes, and the following message will promped: "Firewall operation resumed based on setting of 01/01/01 10:10:10."
3. Select option **1. Work with Servers** and press **Enter** to confirm.

   NOTE: *After* **Resume Activity** *and* **Server Security** *make sure all the definitions are at place as preior to the* **Suspand Activity** *action.*

4. The **Special Instructions** screen may appears. You will be asked if you want to restart the FTP and File-Server. If you keep the default "NO" (**N**), those servers' protection will be activated after IPL. If you change it to "YES" (**Y**), those servers will restart immediately. If the restart is successful, the protection will be activated on those servers immediately.
5. If the previous screens were confirmed, **Firewall** is now activated; access to the machine is being controlled by **Firewall**

Screen

1. Select **41. Activation** from the **Screen** main menu
2. Select **1. Activate Screen Now** from the **Activation** screen and press **Enter**.

Password

There is no need to reactivate **Password** if **Firewall** has already been reactivated.

1. Select **1. Activate Password Validation** from the **Password** main menu.
2. In the **Modify Server Security** screen, type **2** in the **Enable validity checking** field and press **Enter**. Leave all other parameters unchanged.

Audit/Action

Activating **Audit** automatically activates both **Action** and **Capture**.

1. Select **2. Activate Real-Time Detection** from the **Audit** main menu.
2. Select **1. Activate Real-Time Detection** from the **Activation** screen and press **Enter**.

NOTE: *Select option* **5. Work with Active Jobs** *and ensure all the jobs under* ***ZAUDIT*** *are activated as before.*

Capture

1. Select **11. Activation** from the **Capture** main menu.
2. Select **1. Activate Real-Time Detection** from the **Activation** screen and press **Enter**.

Anti-Virus

1. Select **11. IFS Viruses, Worms and Trojans > 1. Activation** from the **Anti-Virus** main screen.
2. Select options **41** or **42** to refresh virus definitions.

View

1. Select option **71. Add *LIBL and OVRDBF Detection** from **View** main menu.
2. Select option **73. Add Job Initiation Setup**
3. Select option **77. Add Security for *ALLOBJ users**

AP-Journal

1. Select option **11. Business Analysis and BizAlerts Applications based on Containers** from the main menu
2. Select **1. Collection to Containers > 5. Work with Active Jobs** to check if the subsystem **ZJOURNAL** is active.
3. If not active, press **F3** and then activate the product by selecting **1. Activate Real-Time Journal Collection** from the **Collection to Containers** screen.

Authority on Demand

1. Select **11. Activation** from the **Authority on Demand** main screen.
2. Select **1. Activation > 5. Work With Active Monitor Jobs** to check if the subsystem **ZAUTH** is active.
3. If not active, press **F3** and then activate product by selecting **1. Activate Authority on Demand Now** from the **Activation** screen.

Starting the Programs

For both the native and GUI versions, the default iSecurity password is ***QSECOFR***.

Native

NOTE: *Activating* **Firewall** *automatically activates both* **Screen** *and* **Password**, *whereas activating* **Audit** *automatically activates both* **Action** *and* **Capture**.

1. Enter ***STRSEC*** into the command line to reach the **iSecurity** screen.
2. In the **iSecurity** screen, enter the correct module command into the command line.
3. To enter authority code, select **Opt 81. System Configuration > F22**, and enter code.
4. Select **Opt 82. Maintenance Menu > 11. Work with Operators** from the main menu, and edit user authority.

```
                          Work with Operators

Type options, press Enter.
  1=Select   4=Delete
                                Authority level: 1=*USE, 9=*FULL, 3=*QRY(FW,Aud)
Opt User        System    FW Scr Pwd AV Aud Act Cpt Jrn Vw Vsl Usr Adm NOS Rpl
  *AUD#SECAD    S720       9  9   9  9   9   9   9   9  9   9   9   9   9   9
  *AUDIT        S720                     9   9   9          9
  *SECADM       S720       9  9   9  9                      9   9   9
  AU            S720       9  9   9  9   9   9   9   9  9   9   9   9   9   9
  FER           S720       9  9   9  9   9   9   9   9  9   9   9   9   9   9
  JAVA1         S720       9  9   9  9   9   9   9   9  9   9   9   9   9   9
  JR            S720       9  9   9  9   9   9   9   9  9   9   9   9   9   9
  RLTOOLS       S720
  TEVG          S720
  TZION         S720       9  9   9  9   9   9   9   9  9   9   9   9   9   9
                                                                        Bottom
FW =Firewall   Pwd=Password   Aud=Audit      Cpt=Capture    Vw =View
Scn=Screen     AV =AntiVirus  Act=Action     Jrn=Journal    Vsl=Visualizer
Usr=User Mgt.  ADM=Admin.     NOS=Native Object Security    Rpl=Replication
F3=Exit    F6=Add new    F8=Print   F11=*SECADM/*AUDIT authority   F12=Cancel
```

Work with Operators

- Enter **1** in the **Opt** column in the **Work with Operators** screen to select users.

- From the **Modify Operators** screen, set authorities by module (**1 = *USE, 9 = *FULL**).

If an organization prefers to have all its internal user passwords defaulted to *BLANK, a data area should be created through this command:

CRTDTAARA SMZTMPC/DFTPWD *CHAR 10

GUI

Go to **Start/Programs/iSecurity** and enter a code.

Uninstalling iSecurity

In the unlikely event that you need to uninstall **iSecurity** perform the following steps in order.

The uninstallation procedure removes ALL **iSecurity** modules. You cannot uninstall individual modules. DO NOT uninstall **iSecurity** if you wish to continue to use these other modules. If you do not wish to use the functionality of an individual module, simply disable that module according to the instructions in the User Manual for that module. The remaining modules will continue to function normally.

It is recommended that you back up all product libraries in use (i.e. ***SMZ4***, ***SMZ8,*** etc.) prior to uninstalling the products. Proceed to the following steps.

1. Deactivate all **iSecurity** products.
2. Choose **82. Maintenance Menu > 91. Uninstall Product** from the main menu.
3. Follow the instructions on the screen. You will be automatically signed off while a batch job completes the uninstallation process.
4. Wait a few minutes and then sign on as ***QSECOFR*** or another user with similar authority.
5. Enter the command ***DLTUSRPRF SECURITY1P OWNOBJOPT(*DLT).***
6. Enter the following commands:

Product	Uninstallation Command
Firewall, **Screen**, **Password**	*DLTLIB SMZ8*
Audit, **Action, Central Admin.**	*DLTLIB SMZ4*
Capture	*DLTLIB SMZC*
Anti-Virus	*DLTLIB SMZV*
AP-Journal	*DLTLIB SMZJ*
View	*DLTLIB SMZ5*
Authority on Demand	*DLTLIB SMZO*
FileScope	*DLTLIB SMZ1*

Manually Installation

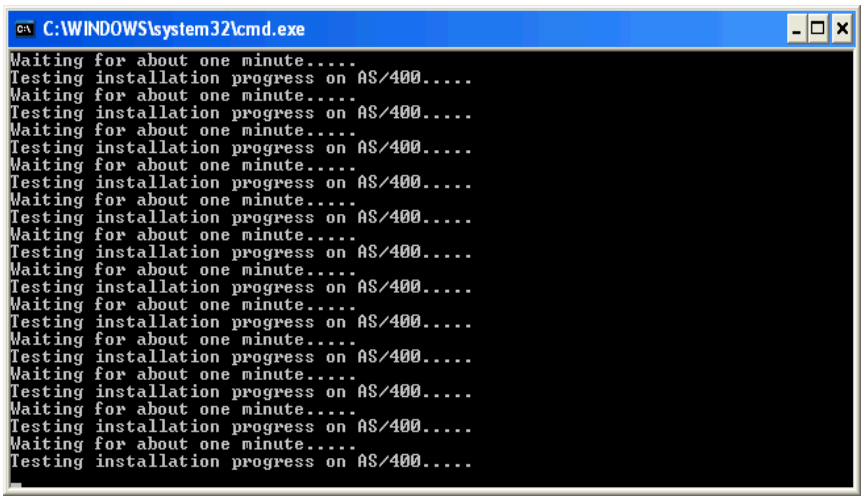
If you encounter a problem with executing the installation, you can install/upgrade the product by manually transfer the A2P file.

The following example is for iSecurity Part 1: Firewall, Screen, Password.

1. Unzip the zip file isecurity1_setup_n.n.zip file to PC folder.
2. CRTSAVF QGPL/SMZ8
3. Copy the file GSRISCPF.A2P from your PC folder to save file QGPL/SMZ8
4. in the AS/400 by FTP:
   - ftp nnn.nnn.nn.nnn (AS/400 IP)
   - bin
   - put GSRISCPF.A2P QGPL/SMZ8
   - quit
5. ADDLIBLE QGPL
6. RSTOBJ OBJ(GRI) SAVLIB(SMZ8) DEV(*SAVF) SAVF(QGPL/SMZ8) RSTLIB(QTEMP)
7. CALL QTEMP/GRI *SAVF

FTP Failure

If after executing the SETUP.BAT, the following message repeats itself:

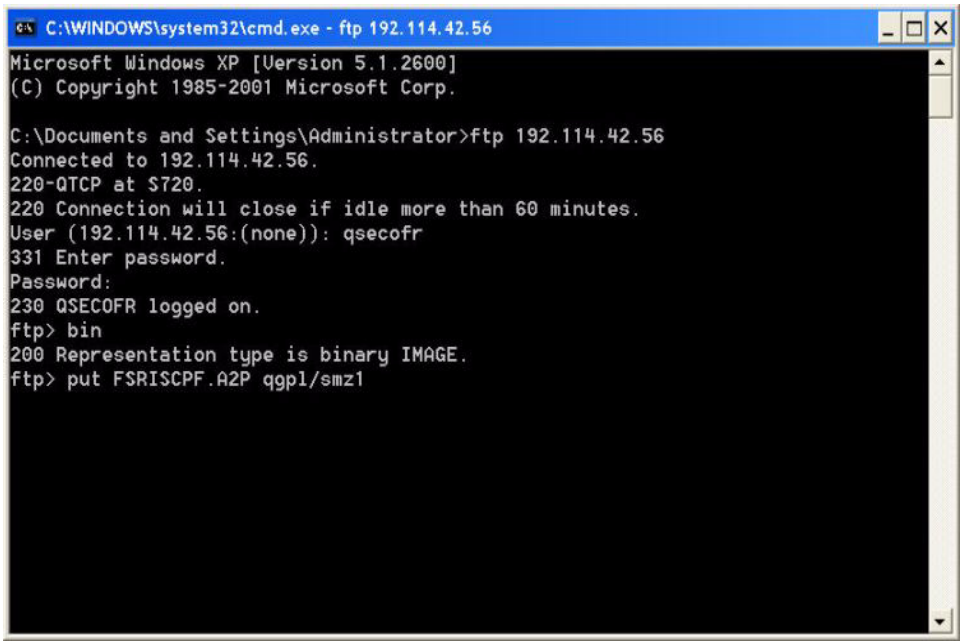


FTP Failure

The FTP connection is blocked and the installation process cannot go through the Firewall to transfer the installation file[1] to the System i.

Transfer the installation file manually using FTP and in binary mode

1. Create save file: CRTSAVF (QGPL/<LIB>[2])
2. Use FTP protocol to transfer the installation file to the created save file (QGPL/<LIB>) (PUT in binary mode):


C:\WINDOWS\system32\cmd.exe - ftp 192.114.42.56
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\Administrator>ftp 192.114.42.56
Connected to 192.114.42.56.
220-QTCP at S720.
220 Connection will close if idle more than 60 minutes.
User (192.114.42.56:(none)): qsecofr
331 Enter password.
Password:
230 QSECOFR logged on.
ftp> bin
200 Representation type is binary IMAGE.
ftp> put FSRISCPF.A2P qgpl/smz1

FTP in Binary mode

3. RSTOBJ <product object>[3] <LIB> *SAVF SAVF(QGPL/<LIB>) RSTLIB(QTEMP)
4. CALL QTEMP/<product object> *SAVF

---

1. Installation File: the A2P file in the installation folder
2. <LIB>: the product library

Product	Library
Firewall, Screen, Password	*SMZ8*
Audit, Action, Central Admin.	*SMZ4*
Capture	*SMZC*
Anti-Virus	*SMZV*
AP-Journal	*SMZJ*
Authority on Demand	*SMZO*

Product	Library
View	*SMZ5*
FileScope	*SMZ1*
CodeScope	*SMZ6*
CpuScope	*SMZ3*
DiskScope	*SMZD*
FileScope Tools	*SMZ2*
MsgScope	*SMZM*
OptiScope	*SMZ9*
WideScope	*SMZ7*

3. <Product Object>: the first two letters of the product installation file + i

Product	Object
Firewall, Screen, Password	*GSI*
Audit, Action, Central Admin.	*AUI*
Capture	*CAI*
Anti-Virus	*AVI*
AP-Journal	*JRI*
Authority on Demand	*ADI*
View	*VWI*
FileScope	*FSI*
CodeScope	*CSI*
CpuScope	*CPI*
DiskScope	*DSI*
FileScope Tools	*TLI*
MsgScope	*MGI*
OptiScope	*OSI*
WideScope	*WSI*

How often should we backup iSecurity files?

All iSecurity libraries start with SM* and in most cases with SMZ*

It is recommended to save all the libraries whose names are four char long or end with SYS (the program libraries) once after every installation or applying of PTF.

It is also recommended to save all the other libraries once a day.

Backups should be done for the data libraries with SAVACT(*LIB)

In option 81, there is an exit to setup a backup program, that will save portions of data that are about to be deleted due to the data retention definition.

What changes in the system at product installation / use

During installation

System values QALWOBJRST Allow object restore option (Intermediate change)

During installation or use

Firewall

System values QRMTSIGN, QPWDVLDPGM

Network attributesDDMACC, PCSACC

Registration facility entries (see manual)

Screen

System valueQINACTITV

Password

System valuesQPWDEXPITV, QPWDLMTAJC, QPWDLMTCHR, QPWDLMTREP

QPWDMAXLEN, QPWDMINLEN, QPWDPOSDIF, QPWDRQDDGT

QPWDRQDDIF, QPWDVLDPGM, QPWDLMTREP, QMAXSIGN

QMAXSGNACN, QDSPSGNINF, QLMTDEVSSN, QLMTSECOFR

Audit

System valuesQAUDCTL, QAUDLVL, QAUDLVL2

Action

Capture

Anti-Virus

System valuesQSCANFSCTL

Registration facilityQIBM_QP0L_SCAN_OPEN, QIBM_QP0L_SCAN_CLOSE

AP-Journal

General

Libraries

All product libraries start with SMZ

Subsystems

The product creates and uses subsystems, which start with the character Z.

To enable auto start of some jobs at system start up, some Auto Start Jobs are added.

To enable activation of control function at job entry, some Routing Entries are modified

QGPL

*CMD type objects (very small objects) are copied

RL#QCMD might be added

Scheduled

Entries start with AU@, GS#, GS@ , AV#, JR#

Thank you for using iSecurity products.

If you have any questions or problems, please contact:

Email:
marketing@razlee.com
support@razlee.com

Telephone:
Raz-Lee New York
Tel: 1-888-RAZLEE-4
Tel: 1-888-RAZLEE-2

Raz-Lee Israel
Tel: +972-9-9588860